

10/584952

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	595	(544/250,514/267).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/02 16:55
L2	34	l1 and triaza	US-PGPUB; USPAT	OR	ON	2007/08/02 16:55
L3	3	l2 and cyclopenta	US-PGPUB; USPAT	OR	ON	2007/08/02 16:56
L4	1	l3 and indene	US-PGPUB; USPAT	OR	ON	2007/08/02 16:56
L5	0	l4 and cd	US-PGPUB; USPAT	OR	ON	2007/08/02 16:56

10/513600
10/584,952

10/513699

specific topic.

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NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements
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NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 10 APR 30 CA/CAPLUS enhanced with 1870-1889 U.S. patent records
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NEWS 12 MAY 01 New CAS web site launched
NEWS 13 MAY 08 CA/CAPLUS Indian patent publication number format defined
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reloaded
NEWS 17 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents
NEWS 18 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS 19 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS 20 JUN 29 STN Viewer now available
NEWS 21 JUN 29 STN Express, Version 8.2, now available
NEWS 22 JUL 02 LEMBASE coverage updated
NEWS 23 JUL 02 LEMBASE coverage updated
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names
NEWS 25 JUL 02 CHEMCATS accession numbers revised
NEWS 26 JUL 02 CA/CAPLUS enhanced with utility model patents from China
NEWS 27 JUL 16 CAPLUS enhanced with French and German abstracts
NEWS 28 JUL 18 CA/CAPLUS patent coverage enhanced
NEWS 29 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 30 JUL 30 USGENE now available on STN

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 10:35:20 ON 02 AUG 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

0.84

TOTAL

SESSION

0.84

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:37:42 ON 02 AUG 2007

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DICTIONARY FILE UPDATES: 1 AUG 2007 HIGHEST RN 943895-11-2

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=> Uploading C:\Program Files\Stnexp\Queries\10584952.str

L1 STRUCTURE UPLOADED

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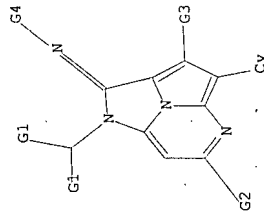
L1 HAS NO ANSWERS

STR

<12/04/2007>

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10/513699



G1 H,Cb,Ak,Ch,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,O,CN
G2 H,X,Cb,Ak,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,O,S,N
G3 C,H,Cb,Ak
G4 C,H,O,Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE
100.0% PROCESSED 8 ITERATIONS
SEARCH TIME: 00.00.01
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8 TO 329
PROJECTED ANSWERS: 3 TO 163
L2 3 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 10:38:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 200 TO ITERATE
100.0% PROCESSED 200 ITERATIONS
SEARCH TIME: 00.00.01
L3 42 SEA SSS FUL L1
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COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY 172.10
TOTAL SESSION 172.94

FILE 'CAPLUS' ENTERED AT 10:38:23 ON 02 AUG 2007
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=> s l3 full
L4

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:638885 CAPLUS
DOCUMENT NUMBER: 143:153394
TITLE: Preparation of triaza-cyclopenta[cd]indene derivatives as CRF antagonists
INVENTOR(S): Nakazato, Atsuro; Okubo, Taketoshi; Nozawa, Dai; Tamita, Tomoko; Kennis, Ludo E. J.
SOURCE: Taisho Pharmaceutical Co., Ltd., Japan
PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066178	A1	20050721	WO 2005-JP323	20050106
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2652600	A1	20050721	CA 2005-2552600	20050106
EP 1704149	B1	20060927	EP 2005-703562	20050106
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				

<12/04/2007>

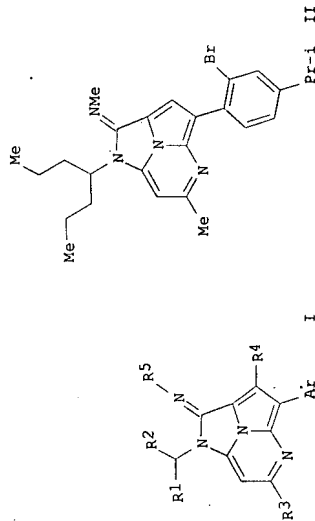
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CN 1910187
AT 356129
JP 2007517795
US 2007060602
PRIORITY APPLN. INFO.:
OTHER SOURCE(S):
GI

A	20070207	CN	2005-80002037	20050106
T	20070315	AT	2005-703562	20050106
T	20070705	JP	2006-546615	20050106
A1	20070315	US	2006-584952	20060913
		JP	2004-1312	A 20040106
		WO	2005-JP323	W 20050106
CASREACT 143:153394; MARPAT 143:153394				

CASREACT 143:153394; MARPAT 143:153394

OTHER SOURCE(S):
GI



The title compounds. I [R1, R2 = H, alkyl, cycloalkyl, etc.; R3 = H, alkyl, cycloalkyl, etc.; R4 = H, alkyl, cycloalkyl, cycloalkylalkyl, RS = H, alkyl, arylalkyl, carbamoyl; Ar = (un)substituted (hetero)aryl and their pharmaceutically acceptable salts] which have a high affinity for CRF receptors and are effective against diseases in which CRF is considered to be involved, were prepared. E.g., a multi-step synthesis of II.HCl, starting from 8-(2-bromo-4-isopropylphenyl)-4-chloro-2-methylpyrrolol(1,2-*a*)pyrimidine-6-carbonitrile and 1-propylbutanamine, was given. Representative compds. I showed IC50 of ≤ 100 nM in CRF receptor binding test. An object of the present invention is to provide an antagonist against CRF receptors which is effective as a therapeutic or prophylactic agent for diseases in which CRF is considered to be involved, such as depression, anxiety, Alzheimer's disease, Parkinson's disease, Huntington's chorea, eating disorder, hypertension, gastric diseases, drug dependence, epilepsy, cerebral infarction, cerebral ischemia, cerebral edema, cephalic external wound, inflammation, immunity-related diseases, alopecia, irritable bowel syndrome, sleep disorders, dermatitis, schizophrenia, pain, etc.

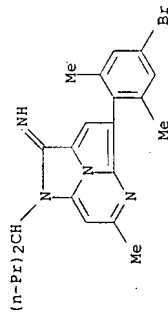
IT
860016-16-0F 860016-18-0F
RCT (Reactant); SPN (Synthetic
Preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); RCT (Reactant or reagent); USES (Uses
Preparation of triaza-cyclopenta[c,d]indene derivs. as CRF antagonists)

RN	CN	INDEX NAME
860016-16-6	CAPUS	Preparation of 4-(4-bromophenyl)-2,6-dimethylphenyl-, 6-methyl-1-(1-propylbutyl)-, 4-(4-bromo-2,6-
1,5,7b-Triazacyclooct[cd]inden-2(1H)-imine,		monohydrochloride (9CI) (CA

<12/04/2007>

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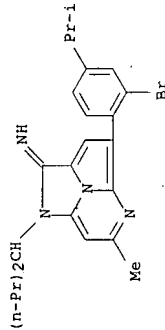
10/513699



● HCl

NRN 860016-18-8 CAPLUS

000010-18-0 CAS:105
1,5,7b-Triazacycloprop[cd]inden-2(1H)-imine, 4-[2-bromo-4-(1-methylethyl)phenyl]-6-methyl-1-(1-propylbutyl)-, monohydrochloride (9CI)
(CA INDEX NAME)



● HCl

TT
860016-14-4P 860016-15-5P 860016-17-7P
860016-19-9P 860016-20-2P 860016-22-4P
860016-24-6P 860016-25-7P 860016-26-8P
860016-27-9P 860016-28-0P 860016-29-1P
860016-31-5P 860016-32-6P 860016-34-8P
860016-35-9P 860016-37-1P 860016-38-2P
860016-40-6P 860016-41-7P 860016-42-8P
860016-43-9P 860016-44-0P 860016-45-1P

860016-40-6P 860016-41-1F 860016-42-6F
 RU: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(Uses)
 (preparation of triaza-cyclopenta[cd]indene derivs. as CRF antagonists)
 9660016-14-4 CAPTUS
 4-(2,4-dichlorophenyl)-6-methyl-5,7b-triazacyclopenta[cd]inden-2(1H)-imine, monohydrochloride (9CI) (CA INDEX NAME)

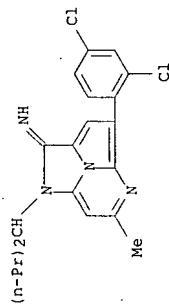
860016-14-4 CAPLUS (preparation of a

860016-14-4 CAPLUS
1,5,7b-Triazacycloprop[cd]inden-2(1H)-imine, 4-(2,4-dichlorophenyl)-6-methyl-1-(1-propylbutyl)-, monohydrochloride (9CI) (CA INDEX NAME)

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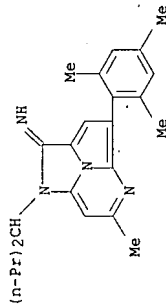
Erich Leese

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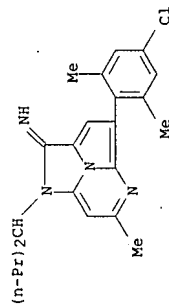
● HCl

RN 860016-15-5 CAPLUS
CN 1,5,7b-Triazacyclopt[cd]inden-2(1H)-imine, 4-(2,4,6-trimethylphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 860016-17-7 CAPLUS
CN 1,5,7b-Triazacyclopt[cd]inden-2(1H)-imine, 4-(4-chloro-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

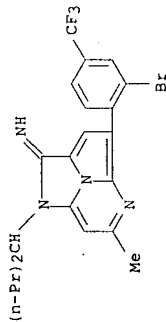
RN 860016-19-9 CAPLUS
CN 1,5,7b-Triazacyclopt[cd]inden-2(1H)-imine, 4-(2-bromo-4-(trifluoromethyl)phenyl)-6-methyl-1-(1-propylbutyl)-, monohydrochloride

<12/04/2007>

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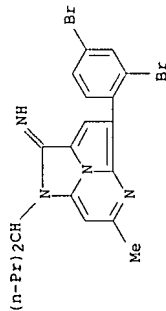
10/513699

(9CI) (CA INDEX NAME)



● HCl

RN 860016-20-2 CAPLUS
CN 1,5,7b-Triazacyclopt[cd]inden-2(1H)-imine, 4-(2,4-dibromophenyl)-6-methyl-1-(1-propylbutyl)-, monohydrochloride (9CI) (CA INDEX NAME)

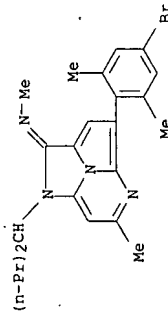


● HCl

RN 860016-22-4 CAPLUS
CN Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

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CRN 860016-21-3
CMF C25 H31 Br N4



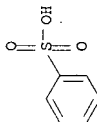
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CM 2

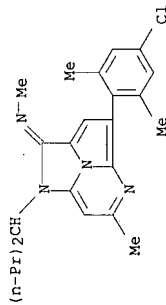
CRN 98-11-3
CMF C6 H6 O3 S



RN 860016-24-6 CAPLUS
CN Methanamine, N-[4-(4-chloro-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

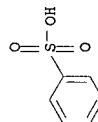
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CRN 860016-23-5
CMF C25 H31 Cl N4



CM 2

CRN 98-11-3
CMF C6 H6 O3 S

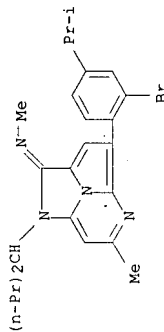


RN 860016-25-7 CAPLUS
CN Methanamine, N-[4-[2-bromo-4-(1-methylethyl)phenyl]-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monohydrochloride (9CI) (CA INDEX NAME)

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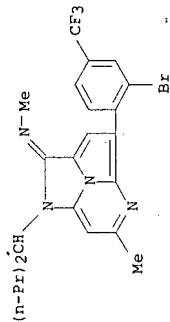
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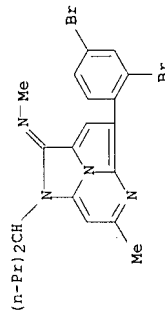
● HCl

RN 860016-26-8 CAPLUS
CN Methanamine, N-[4-[2-bromo-4-(trifluoromethyl)phenyl]-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 860016-27-9 CAPLUS
CN Methanamine, N-[4-(2,4-dibromophenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

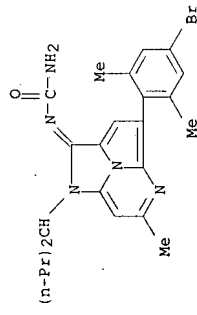
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CN Urea, [4-(4-bromo-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-

<12/04/2007>

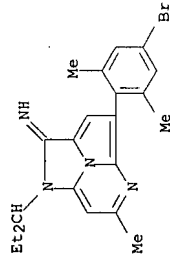
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triazacyclopent[cd]inden-2(1H)-ylidene]- (9CI) (CA INDEX NAME)



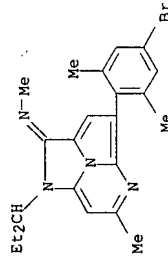
RN 860016-29-1 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-(1-ethylpropyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 860016-31-5 CAPLUS
CN Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-1-(1-ethylpropyl)-6-methyl-1,5,7b-triazacyclopent[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

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CRN 860016-30-4
CMF C23 H27 Br N4



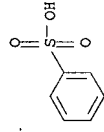
CM 2

CRN 98-11-3
CMF C6 H6 O3 S

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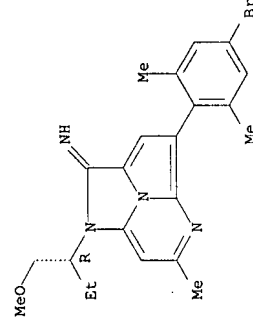
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RN 860016-32-6 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-((1R)-1-(methoxymethyl)propyl)-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 860016-34-8 CAPLUS
CN Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-1-((1R)-1-(methoxymethyl)propyl)-6-methyl-1,5,7b-triazacyclopent[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

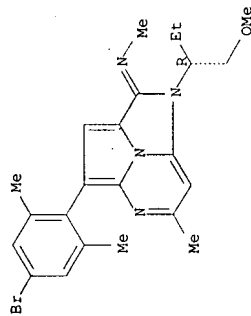
CRN 860016-33-7
CMF C23 H27 Br N4 O

Absolute stereochemistry.
Double bond geometry unknown.

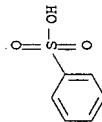
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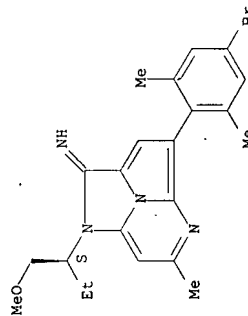


CM 2
CRN 98-11-3
CMF C6 H6 O3 S



RN 860016-35-9 CAPLUS
CN 1,5,7b-Triazacyclopropent[cd]indene-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-((methoxymethyl)propyl)-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 860016-37-1 CAPLUS

<12/04/2007>

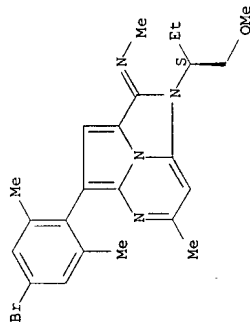
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10/513699

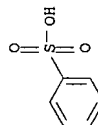
CN Methanamine, N-[[4-(4-bromo-2,6-dimethylphenyl)-1-((1S)-1-(methoxymethyl)propyl)-6-methyl-1,5,7b-triazacyclopropent[cd]indene-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

CM 1
CRN 860016-36-0
CMF C23 H27 Br N4 O

Absolute stereochemistry.
Double bond geometry unknown.



CM 2
CRN 98-11-3
CMF C6 H6 O3 S

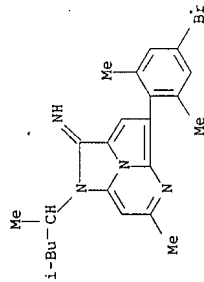


RN 860016-38-2 CAPLUS
CN 1,5,7b-Triazacyclopropent[cd]indene-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-((1,3-dimethylbutyl)-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

<12/04/2007>

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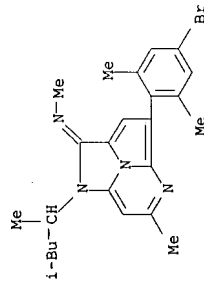
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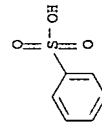
● HCl

RN	860016-40-6	CAPLUS
CN	Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-1-(1,3-dimethylbutyl)-6-methyl-5,7b-triazacycloocta-2,6-dien-2-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)	

CM 1
CRN 860016-39-3
CMF C24 H29 Br N4



CM 2
CRN 98-11-3
CMF C6 H6 O3 S

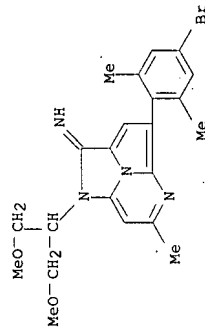


RN	860016-41-7	CAPLUS
CN	1,5,7b-Triazacyclopropent[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-	

<12/04/2007>

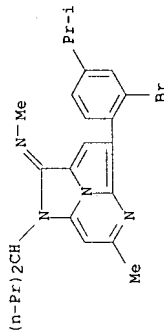
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10/513699
dimethylphenyl)-1-[2-methoxy-1-(methoxymethyl)ethyl]-6-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN	860016-42-8	CAPLUS	
CN	Methanamine, N-[4-[2-bromo-4-(1-methylethyl)phenyl]-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopent[cd]inden-2(1H)-ylidene]- (9CI)		(CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE-FORMAT

\Rightarrow d his

(FILE 'HOME' ENTERED AT 10:35:20 ON 02 AUG 2007)

FILE 'REGISTRY' ENTERED AT 10:37:42 ON 02 AUG 2007

FILE REGISTRATION ENTERED AT 10
STRUCTURE UPLOADED
L1

L1	
L2	3 S L1
L3	42 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:38:23 ON 02 AUG 2007

L4
FILE CATEDOS UNIKER
1 S L3 FULL

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COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	7.62	180.56

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
	-0.78	-0.78
CA SUBSCRIBER PRICE		

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LS STRUCTURE UPLOADED

c1ccc2c(c1)c(c3c2c[nH]3)C4=CC=CC=C4

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32 H, X, Cb, Ak, MeO, EtO, n-PrO, i-PrO, n-BuO, s-BuO, t-BuO, O, S, N
33 C, H, Cb, Ak
34 C, H, O, Cb, Ak

 ≤ 15

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**COMPLETE**
**COMPLETE**
FULL FILE PROJECTIONS:  ONLINE
                        BATCH

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FULL ESTIMATED COST

CA SUBSCRIBER PRICE	0.00	-0.78
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FILE LAST UPDATED: 1 Aug 2007 (20070801/ED)

<http://www.cas.org/infopolicy.html>

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<12/04/2007>

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10/513699

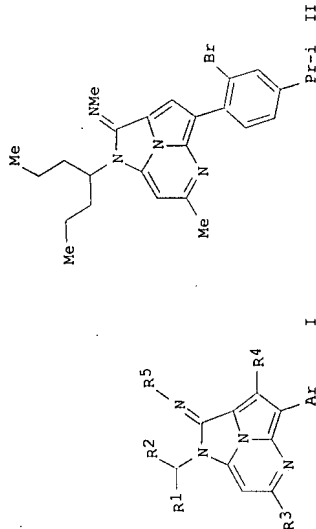
L8 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:638865 CAPLUS
DOCUMENT NUMBER: 143:153394
TITLE: Preparation of triaza-cyclopenta[cd]indene derivatives as CRF antagonists
INVENTOR(S): Nakazato, Atsuro; Okubo, Taketoshi; Nozawa, Dai;
Taisho Pharmaceutical Co., Ltd., Japan
PCT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066178	A1	20050721	WO 2005-JP323	20050106
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GG, GW, ML, MR, NE, SN, TD, TG				
CA 2552600	A1	20050721	CA 2005-2552600	20050106
EP 1704149	A1	20060927	EP 2005-703562	20050106
EP 1704149	B1	20070307		
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AT 356129	T	20070315	AT 2005-703562	20050106
JP 2007517795	T	20070703	JP 2006-346615	20050106
US 2007060602	A1	20070315	US 2006-584952	20060913
PRIORITY APPLN. INFO.: JP 2004-1312 A 20040106				
OTHER SOURCE(S): CASREACT 143:153394; MARPAT 143:153394				
GI				

<12/04/2007>

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10/513699



AB The title compds. I [R1, R2 = H, alkyl, cycloalkyl, etc.; R3 = H, alkyl, cycloalkyl, etc.; R4 = H, alkyl, cycloalkyl, cycloalkylalkyl; R5 = H, alkyl, arylalkyl, carbamoyl; Ar = (un)substituted (hetero)aryl; and their pharmaceutically acceptable salts] which have a high affinity for CRF receptors and are effective against diseases in which CRF is considered to be involved, were prepared E.g., a multi-step synthesis of II.HCl, starting from 8-(2-bromo-4-isopropylphenyl)-4-chloro-2-methylpyrrolo[1,2-a]pyrimidine-6-carbonitrile and 1-propylbutanamine, was given. Representative compds. I showed IC50 of ≤ 100 nM in CRF receptor binding test. An object of the present invention is to provide an antagonist against CRF receptors which is effective as a therapeutic or prophylactic agent for diseases in which CRF is considered to be involved, such as depression, anxiety, Alzheimer's disease, Parkinson's disease, Huntington's chorea, eating disorder, hypertension, gastritis, drug dependence, epilepsy, cerebral infarction, cerebral ischemia, cerebral edema, cephalic external wound, inflammation, immunity-related diseases, alopecia, irritable bowel syndrome, sleep disorders, dermatitis, schizophrenia, pain, etc.

IT 860016-16-6P 860016-18-8P

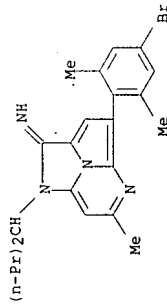
RN 860016-16-6 CAPLUS

CN 1,5,7b-Triazacyclopenta[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-, monohydrochloride (9CI) (CA INDEX NAME)

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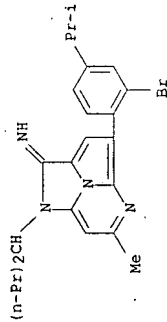
Erich Leese

10/513699



● HCl

RN 860016-18-8 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(2-bromo-4-(1-methyl-2-((n-Pr)2CH)phenyl)-6-methyl-1-(1-propylbutyl))-, monohydrochloride (9CI)
(CA INDEX NAME)



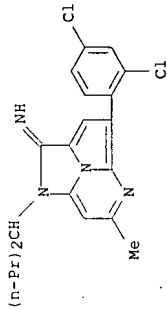
● HCl

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860016-19-9P 860016-20-2P 860016-22-4P
860016-24-8P 860016-25-7P 860016-26-8P
860016-27-9P 860016-28-0P 860016-29-1P
860016-31-5P 860016-32-6P 860016-34-8P
860016-35-9P 860016-37-1P 860016-38-2P
860016-40-6P 860016-41-7P 860016-42-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Preparation of triaza-cyclopenta[cd]indene derivs. as CRF antagonists)
RN 860016-14-4 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(2,4-dichlorophenyl)-6-methyl-1-(1-propylbutyl))-, monohydrochloride (9CI) (CA INDEX NAME)

<12/04/2007>

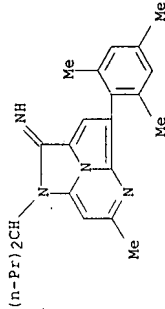
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10/513699



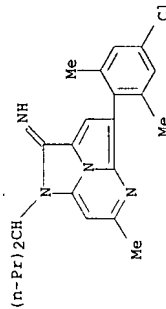
● HCl

RN 860016-15-5 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 6-methyl-1-(1-propylbutyl)-4-(2,4,6-trimethylphenyl))-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 860016-17-7 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(4-chloro-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl))-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

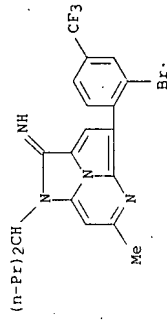
RN 860016-19-9 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(2-bromo-4-(trifluoromethyl)phenyl)-6-methyl-1-(1-propylbutyl))-, monohydrochloride

<12/04/2007>

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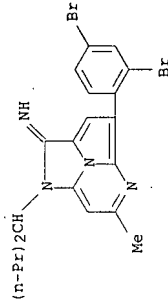
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(9CI) (CA INDEX NAME)



• HCl

RN 860016-20-2 CAPLUS
CN 1,5,7b-triazacyclopt[cd]inden-2(1H)-imine, 4-(2,4-dibromophenyl)-6-methyl-1-(1-propylbutyl)-, monohydrochloride (9CI) (CA INDEX NAME)

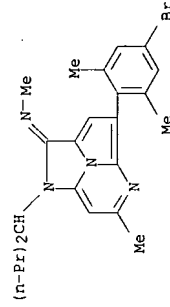


• HCl

RN 860016-22-4 CAPLUS
CN Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 860016-21-3
CMF C25 H31 Br N4



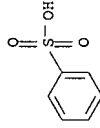
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10/513699

CM 2

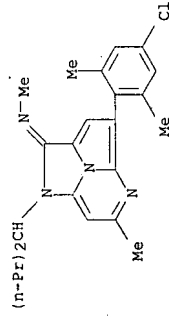
CRN 98-11-3
CMF C6 H6 O3 S



RN 860016-24-6 CAPLUS
CN Methanamine, N-[4-(4-chloro-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

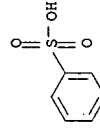
CM 1

CRN 860016-23-5
CMF C25 H31 Cl N4



CM 2

CRN 98-11-3
CMF C6 H6 O3 S

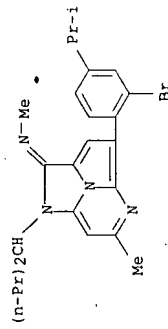


RN 860016-25-7 CAPLUS
CN Methanamine, N-[4-(2-bromo-4-(1-methylethyl)phenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]-, monohydrochloride (9CI) (CA INDEX NAME)

<12/04/2007>

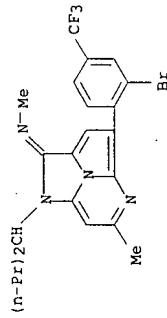
Erich Leese

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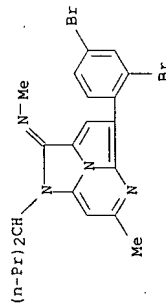
● HCl

RN	CA INDEX NAME	CAPLUS
860016-26-8	Methanamine, N-[4-[2-bromo-4-(trifluoromethyl)phenyl]-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacycloprop[cd]inden-2(1H)-ylidene]-, monohydrochloride (9ci)	



● HCl

RN	860016-27-9	CAPLUS
CN	Methanamine, N-[4-(2,4-dibromophenyl)-6-methyl-1-(1-propylbutyl)-1,5,7-b-triazacyclooct[cd]inden-2(1H)-ylidene]-, monohydrochloride (9CI) (CA INDEX NAME)	



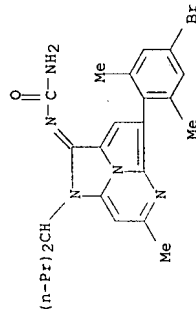
● HCl

860016-28-0 CAPLUS
Urea, [4-(4-bromo-2,6-dimethylphenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-

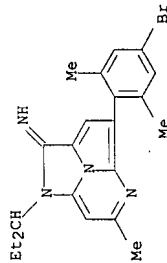
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10/513699

| triazacyclopent[cd]inden-2(1H)-ylidene]- | (9CI) | (CA INDEX NAME) |


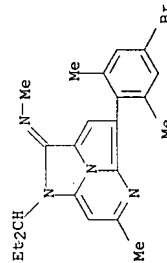
RN	860016-29-1	CAPLUS
CN	1,5,7b-Triazacyclooct[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-(1-ethylpropyl)-6-methyl- (9CI)	(CA INDEX NAME)



860016-31-5	CAPLUS
Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-1-(1-ethylpropyl)-6-methyl-1,5,7b-triazacyclotetra[cd]inden-2(1H-ylidene)-, monobenzenesulfonate (9CI). (CA INDEX NAME)	

CM 1

CRN 860016-30-4
CMF C23 H27 Br N4



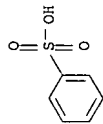
CM 2

CRN 98-11-3
CMF C6 H6 O3 S

<12/04/2007>

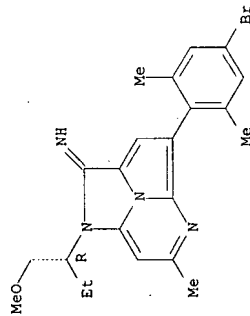
Erich Leese

10/513699



RN 860016-32-6 CAPLUS
CN 1,5,7b-triazacycloprop[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-[(1R)-1-(methoxymethyl)propyl]-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 860016-34-8 CAPLUS
CN Methanamine, N-{4-(4-bromo-2,6-dimethylphenyl)-1-[(1R)-1-(methoxymethyl)propyl]-6-methyl-1,5,7b-triazacycloprop[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

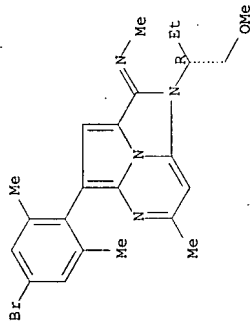
CRN 860016-33-7
CMF C23 H27 Br N4 O

Absolute stereochemistry.
Double bond geometry unknown.

<12/04/2007>

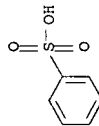
Erich Leese

10/513699



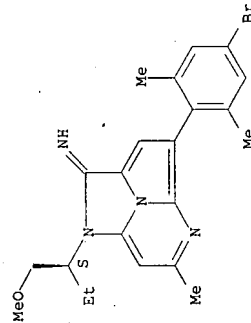
CM 2

CRN 98-11-3
CMF C6 H6 O3 S



RN 860016-35-9 CAPLUS
CN 1,5,7b-triazacycloprop[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-[(1S)-1-(methoxymethyl)propyl]-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 860016-37-1 CAPLUS

<12/04/2007>

Erich Leese

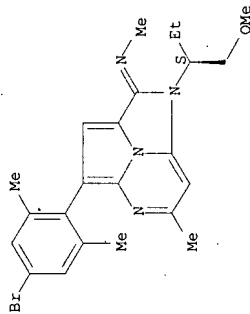
10/513699

CN Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-1-[(1S)-1-(methoxymethyl)propyl]-6-methyl-1,5,7b-triazacyclopent[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

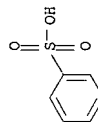
CRN 860016-36-0
CMF C23 H27 Br N4 O

Absolute stereochemistry.
Double bond geometry unknown.



CM 2

CRN 98-11-3
CMF C6 H6 O3 S

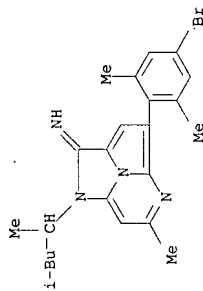


RN 860016-38-2 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-dimethylphenyl)-1-(1,3-dimethylbutyl)-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

10/513699

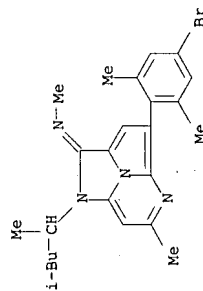


● HCl

RN 860016-40-6 CAPLUS
CN Methanamine, N-[4-(4-bromo-2,6-dimethylphenyl)-1-(1,3-dimethylbutyl)-6-methyl-1,5,7b-triazacyclopent[cd]inden-2(1H)-ylidene]-, monobenzenesulfonate (9CI) (CA INDEX NAME)

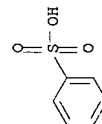
CM 1

CRN 860016-39-3
CMF C24 H29 Br N4



CM 2

CRN 98-11-3
CMF C6 H6 O3 S



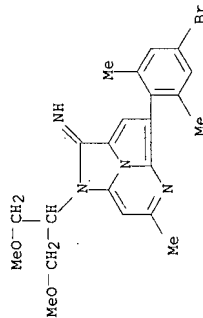
RN 860016-41-7 CAPLUS
CN 1,5,7b-Triazacyclopent[cd]inden-2(1H)-imine, 4-(4-bromo-2,6-

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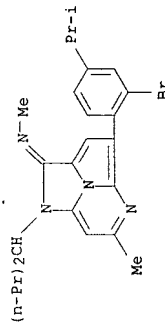
10/513699

dimethylphenyl)-1-(2-methoxy-1-(methoxymethyl)ethyl)-6-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)



• HCl

RN 860016-42-8 CAPLUS
CN Methanamine, N-[4-(2-bromo-4-(1-methylethyl)phenyl)-6-methyl-1-(1-propylbutyl)-1,5,7b-triazacyclopt[cd]inden-2(1H)-ylidene]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

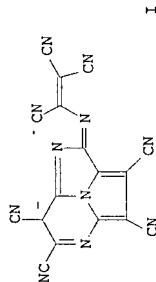
L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:216855 CAPLUS
DOCUMENT NUMBER: 112:216855
TITLE: Condensation reactions of tetracyanoethylene and its monoanion promoted by Lewis acids: synthesis and crystal, molecular, and electronic structure of a novel heterocycle, the 2,3,6,7-tetracyano-5-(tricyanoethenylidino)-3H-1,4,7b-triazabenzol[1,1-j]pentalenide ion
AUTHOR(S): Bonamico, Mario; Fares, Vincenzo; Flamini, Alberto; Imperatori, Patrizia
CORPORATE SOURCE: Ist. Teor. Strutt. Elettron. Comportamento Spettrochim. Compos. Coord., CNR, Rome, 00016, Italy
SOURCE: Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry (1972-1999) (1990), (1), 121-5
CODEN: JCPKDH; ISSN: 0300-9580

<12/04/2007>

Erich Leese

10/513699

DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 112:216855
GI



I

AB From the condensation reaction of tetracyanoethylene with its radical monoanion promoted by a Lewis acid [ZnCl2, AlCl3, or V(bpy)3, bpy = 2,2'-bipyridine], a novel heterocyclic carbanion I has been synthesized and characterized by X-ray, 13C NMR, IR, and UV spectroscopy and cyclic voltammetry measurements. The crystal and mol. structure of the title anion has been determined for the tetraphenylarsonium salt, and its electronic structure and the mechanism of formation are discussed.

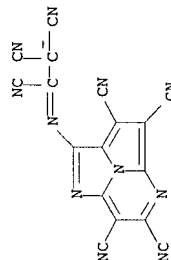
IT 127123-06-2P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation, crystal, and mol. structure of)

RN 127123-06-2 CAPLUS
CN Arsonium, tetraphenyl-, salt with 2-[(1,2,2-tricyanoethylidene)amino]-1,5,7b-triazacyclopt[cd]indene-3,4,6,7-tetracarbonitrile (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 127123-05-1
CMF C17 N11



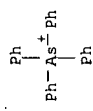
CM 2

CRN 15912-80-8
CMF C24 H20 As

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STRUCTURE UPLOADED
L1 3 S L1
L2 42 S L1 FULL
L3
FILE 'CAPJUS' ENTERED AT 10:38:23 ON 02 AUG 2007
L4 1 S L3 FULL
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L5 3 S L5
L6 45 S L5 FULL
L7
FILE 'CAPJUS' ENTERED AT 10:41:57 ON 02 AUG 2007
L8 2 S L7 FULL